



TECHNICAL DATA SHEET



Henkel Corporation
Professional and Consumer Adhesives
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DESCRIPTION:

Loctite Super Glue Gel Control has proven superior performance over ordinary super glues. It works faster and holds stronger on more surfaces than ordinary instant adhesives thanks to a patented additive. The gel formula works on a variety of porous and non-porous surfaces and is ideal for vertical applications. Loctite Super Glue Gel Control comes in patented side-squeeze design for maximum control. It dries clear and sets without clamping. Loctite Super Glue Gel Control is resistant to moisture, most chemicals and freezing temperatures.

RECOMMENDED FOR:

Use for repairing figurines, costume jewelry, cameras, toys, metal car parts, wiper blades, rubber seals and O-rings. Bonds leather, cork, paper, cardboard, wood, chipboard, fabric, metal, ceramic, rubber and hard plastics such as acrylic, polycarbonate, polystyrene and PVC. Ideal for vertical surfaces.

LIMITATIONS

- Do not use on Polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicone or foam rubber, polystyrene foams, glass, or pure bone china
- Not for assemblies which will hold hot liquids
- Do not use in dishwasher, oven or microwave
- Not suitable for exterior applications
- Do not use on glazed surfaces
- Not suitable for repairs needing high flexibility or for gap-filling applications

FEATURES & BENEFITS:

Feature	Benefits
Dries clear	Transparent
Sets in seconds.....	No clamping required
Easy squeeze grips	Precision application
Gel Formulation.....	Ideal for vertical repairs & No Dripping

Item #	Package	Size
234790	Carded Bottle	4 g
1364076		
1735574		
1752699		

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
Color:	Clear	Application Temperature:	Apply above 50°F (10°C)
Appearance:	Gel	Odor:	Sharp, irritating (use in a well-ventilated area)
Base:	Ethyl cyanoacrylate	Set Time:	15 to 30 seconds (see Table 1) *
Specific Gravity:	1.05	Handling Time:	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop overnight before handling.
VOC Content:	< 2% by weight, CARB < 20 g/l, SCAQMD method 316B	Cure Time:	12 – 24* hours *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used
Flashpoint:	176°F (80°C) to 200°F (93°C)	Clean Up:	Scrape away cured adhesive using a sharp-edged tool.



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Shelf Life:	18 months from date of manufacture (unopened)	Lot Code Explanation:	YDDDXX Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 7061 = 61 st day of 2017 – March 2, 2017
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Typical Cured Performance Properties

Color:	Clear	Cured form:	Non-flammable, brittle solid.
Service Temperature:	Up to 180°F (82°C)	Moisture Resistant:	Yes
Dishwasher Safe:	No	Tensile Shear Strength ISO 4587	Varies from 1450-2900 psi (10-20 N/mm ²) after 12-24 hours of cure depending on substrate

DIRECTIONS:

Tools Typically Required:

Tissue paper.

Safety Precautions:

Use in a well-ventilated area. Protect work area before and during use of the glue. Nitrile gloves recommended. Do not use PVC, nylon, or cotton gloves. Skin contact may cause burns. Wash hands after use.

Fingers Bonded? Apply cooking oil to bonded area of skin. Gently message bonded fingers back and forth to “peel” apart. Use rolling, peeling motion – do not pull. Once apart use high moisture hand lotions to aid in removal of excess glue from skin.

Preparation:

Surfaces to be bonded must be close fitting, clean, dry and free from oil, wax and paint. Protect work area. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

Application:

Note: Take care to not press in on the side wings while opening the container as glue may dispense rapidly. In a clockwise direction, screw the closure cap tightly in to the base until the clicking sound stops. Unscrew the cap in a counter clockwise direction. Press side grips to dispense one drop per square inch of surface. Press surfaces together immediately. Hold in place for 15 to 30 seconds until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap screwing it down tightly in a clockwise direction. For increased strength, leave bond undisturbed for at least 10 minutes. Full cure in 24 hours.

Clean-up

After cleaning, wet any tissue used for wiping off glue with water and dispose of. When cleaning up larger quantities of uncured adhesive, apply water and allow to cure and then scrape up. Note this may result in damage to the surfaces. Cured adhesive may be cut away with caution using a sharp blade, removed with acetone or with boiling water. Note: Acetone may damage some plastics and is also highly flammable. Test before use and follow manufacturer’s instructions.

STORAGE AND DISPOSAL

Not damaged by freezing in the unopened container. Optimal shelf life is achieved when unopened container is stored from 36°F to 46°F (2°C to 8°C). After opening, it is not recommended that the product be stored cold or frozen. Once opened, the product is best stored tightly sealed in a dry location away from heat sources or sun exposure. Humidity and high temperatures may decrease shelf life. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

WARNING: EYE AND REPIRATORY IRRITANT. BONDS TO SKIN IN SECONDS. Contains Cyanoacrylate. Can cause severe eye injury. **Bonds skin instantly. Skin contact may cause burns.** Harmful if swallowed. May cause allergic skin reaction. May cause delayed irritation and sensitization. Use in well ventilated area. Avoid contact with skin, eyes, and clothing. **DO NOT TAKE INTERNALLY.** Wash thoroughly after handling. **FIRST AID:** In case of eye contact, flush with water for 15 minutes; call a physician. For skin contact, flush with water. For ingestion, do not induce vomiting; call a physician. If spilled on clothing, flush with large quantities of water. **KEEP OUT OF REACH OF CHILDREN.**



WARNING: Reproductive Harm – www.P65Warnings.ca.gov

Refer to the Safety Data Sheet (SDS) for further information



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TECHNICAL DATA SHEET

DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



Trusted Performance. Proven Results. For over 50 years, Loctite Brand adhesives and sealants have taken on the toughest jobs. Used in race cars, airplanes, and even in the space-shuttle, Loctite provides solutions for the most demanding industrial, and consumer applications. Loctite gives you not the specialization, power and performance to not only get your job done, but to get it done right.

For Technical Assistance call: 1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET
www.loctiteproducts.com



Loctite Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

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